TOSHIBA

Leading Innovation

STORAGE PRODUCTS DIVISION

MQ01ABDxxxH

2.5-INCH SATA HYBRID DRIVE

SSHD

KEY ADVANTAGES

- SSD-like Performance and Responsiveness
- Up to 1 TB Storage Capacity
- 8 GB NAND Flash
- Faster System Boot time
- Quicker Access to user Applications
- Self-learning user profile algorithms
- Very Silent Operation
- Eco-friendly halogen-free Design

APPLICATIONS

- High End Notebook PCs
- Ultrathin Notebook PCs

SPECIFICATIONS

	MQ01ABD075H	MQ01ABD100H
Series Overview:		
Storage Capacity, Formatted	750GB	1TB
Number of Platters	2	
NAND Flash Size	8GB	
Rotational Speed	5,400 rpm	
Max. Areal Density	553.6 Gb/in²	744.1 Gb/in²
Seek Time:		
Average seek time	12ms	
Interface:		
Type	Serial ATA 3.0	
Data Transfer Rate to Host:	6 Gb/s	
Buffer	32 MiB	
Physical Specification - Dimensions:		
Width x Depth x Height	69.85 x 100 x 9.5 mm	
Weight typ	117 g	
Enviromental:		
Shock Operating	3,920m/s2 (400G); (2ms half sine)	
Shock Non-operating	8,820m/s2 (900G); (1ms half sine)	
Acoustics (ave.) (Idle/Seek)	23/24 dB	
ROHS Compilant	Yes	

INVENTOR OF FLASH MEMORY